

fact at edehydrogenase cl ostridi um txt
 Set Items Description

 ? E AU=CERQUETTI, M?

Ref	Items	Index-term
E1	1	AU=CERQUETTI, M C.
E2	2	AU=CERQUETTI, M?
E3	0	AU=CERQUETTI, M?
E4	2	AU=CERQUETTI, MARI A C.
E5	1	AU=CERQUETTI, MARI A CRI STI NA
E6	49	AU=CERQUETTI, MARI NA
E7	51	AU=CERQUETTI, MC
E8	10	AU=CERQUETTI, MC*
E9	4	AU=CERQUETTI, MCRI STI NA
E10	2	AU=CERQUETTI, MO
E11	1	AU=CERQUETTI, P.
E12	1	AU=CERQUETTI NI C

Enter P or PAGE for more

? S e1-E8

1	AU=CERQUETTI, M C.
2	AU=CERQUETTI, M?
0	AU=CERQUETTI, M?
2	AU=CERQUETTI, MARI A C.
1	AU=CERQUETTI, MARI A CRI STI NA
49	AU=CERQUETTI, MARI NA
51	AU=CERQUETTI, MC
10	AU=CERQUETTI, MC*

S1 116 E1-E8

? S S1 AND ((DI FFI CI LE) OR (CLOSTRI DI UM(W DI FFI CI LE))

116	S1
86448	DI FFI CI LE
266143	CLOSTRI DI UM
86448	DI FFI CI LE
56206	CLOSTRI DI UM(W DI FFI CI LE

S2 11 S1 AND ((DI FFI CI LE) OR (CLOSTRI DI UM(W DI FFI CI LE))

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S3 9 RD (unique items)

? T S3/3, K/1-9

>>>KW C option is not available in file(s): 399

3/3, K/1 (Item 1 from file: 24)
 DI ALCOG R) File 24: CSA Life Sciences Abstracts
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0003364984 IP ACCESSI ON NO: 8514072
 Surface layer proteins from Clostridium difficile induce
 inflammatory and regulatory cytokines in human monocytes and dendritic
 cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Gorgio;
 Spensieri, Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
 Mastrantonio, Paola
 Department of Infectious, Parasitic and Immune-mediated Diseases,
 Anti-Infectious Immunity Unit, Istituto Superiore di Sanita, Viale Regina
 Elena 29, 00161 Rome, Italy, [mailto:ausiello@iss.it]

lactatedehydrogenaseclostridium.txt
Microbes and Infection, v 8, n 11, p 2640-2646, September 2006
PUBLICATION DATE: 2006

PUBLISHER: Editions Scientifiques et Médicales Elsevier, 23 rue Lincoln
75724 Paris cedex 15 France, [URL: <http://www.elsevier.fr>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1286-4579
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Surface layer proteins from *Clostridium difficile* induce
inflammatory and regulatory cytokines in human monocytes and dendritic
cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio;
Spensieri, Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola

ABSTRACT:

Clostridium difficile, an etiological agent of most cases of
antibiotic-associated diarrhea, exerts its pathological action mainly...

...mixed Th1/Th2 orientation of immune response in naive CD4 T cells.
In conclusion, *C. difficile* SLPs may contribute to the pathogenicity of
the bacterium by perturbing the fine balance of...

...in the light of the possible use of SLPs in a multicomponent vaccine
against *C. difficile* infections for high-risk patients.

...DESCRIPTORS: Interleukin 12; Interleukin 6; Lymphocytes T; Monocytes;
Pathogenicity; Risk groups; Toxin A; Toxin B; Vaccines;
Clostridium difficile

3/3, K/2 (Item 1 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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137045065 CA: 137(4)45065p JOURNAL

Binding of *Clostridium difficile* to Caco-2 epithelial cell line and to
extracellular matrix proteins

AUTHOR(S): Cerquetti, Marina; Serafino, Annalucia; Sebastianelli,
Annalisa; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanità, 00161, Rome, Italy

JOURNAL: FEBS Immunol. Med. Microbiol. (FEBS Immunology and Medical
Microbiology) DATE: 2002 VOLUME: 32 NUMBER: 3 PAGES: 211-218 CODEN:
FIMEV ISSN: 0928-8244 PUBLISHER ITEM IDENTIFIER: 0928-8244(01)00301-7
LANGUAGE: English PUBLISHER: Elsevier Science B.V.

3/3, K/3 (Item 2 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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135043236 CA: 135(4)43236p JOURNAL

Molecular and genomic analysis of genes encoding surface-anchored
proteins from *Clostridium difficile*

AUTHOR(S): Karjalainen, Tuomo; Valigora-Dupriet, Anne-Judith; Cerquetti,
Page 2

lactate dehydrogenase of *Clostridium* txt
Marina; Spigaglia, Patrizia; Maggioli, Andrea; Mauri, Pierluigi;
Mastrantonio, Paola
LOCATION: Dep. Microbiol., Fac. Pharm., Université de Paris-Sud, 92296,
Chatenay-Malabry, Fr.
JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
3442-3446 CODEN: INFI BR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

3/3, K/4 (Item 3 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
(c) 2009 American Chemical Society. All rights reserved.

133346858 CA: 133(25)346858 JOURNAL
Characterization of surface layer proteins from different *Clostridium*
difficile clinical isolates
AUTHOR(S): Cerquetti, Marina; Molinari, Agnese; Sebastianelli, Annalisa;
Di Ciccagliuti, Marco; Petruzzelli, Raffaele; Capo, Concetta; Mastrantonio,
Paola
LOCATION: Department of Bacteriology and Medical Mycology, Istituto
Superiore di Sanità, 00161, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 2000 VOLUME: 28 NUMBER: 6 PAGES:
363-372 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English PUBLISHER:
Academic Press

3/3, K/5 (Item 4 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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126168853 CA: 126(13)168853 JOURNAL
Clostridium difficile: an update on virulence mechanisms
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Fiorentini, Carla; Donelli, Gianfranco
LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanità, 00161, Rome, Italy
JOURNAL: Anaerobe DATE: 1996 VOLUME: 2 NUMBER: 6 PAGES: 337-343
CODEN: ANAEF8 ISSN: 1075-9964 LANGUAGE: English PUBLISHER: Academic

3/3, K/6 (Item 5 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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125296686 CA: 125(23)296686p JOURNAL
Clostridium difficile and its surface proteins
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Molinari, Agnese; Gelosia, Antonella; Donelli, Gianfranco
LOCATION: Dept. of Bacteriology and Medical Mycology, Istituto Superiore
di Sanità, 00161, Rome, Italy
JOURNAL: Mikrobiol. Ther. DATE: 1995 VOLUME: 23 NUMBER: Bei träge zum
XVIII. Internationalen Symposium fuer Mikrobielle Ökologie und
Krankheiten, 1993 PAGES: 94-101 CODEN: MTHE4 ISSN: 0720-0536
LANGUAGE: English

3/3, K/7 (Item 6 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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118231813 CA: 118(23)231813p JOURNAL
Purification and characterization of an immunodominant 36 kD antigen
present on the cell surface of *Clostridium difficile*
Page 3

factatedehydrogenaseclostridium.txt

AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
Mastrantonio, Paola
LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English

3/3, K/8 (Item 7 from file: 399)

DIALCOG(R) File 399: CA SEARCH(R)

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108164481 CA: 108(19)164481g JOURNAL

Electrophoretic characterization of Clostridium difficile strains
isolated from antibiotic-associated colitis and other conditions

AUTHOR(S): Pantosti, Annalisa; Cerquetti, Marina; Ganfrilli, Paola
Mastrantonio

LOCATION: Lab. Med. Bacteriol. Mycol., Ist. Super. Sanita, 299-00161,
Rome, Italy

JOURNAL: J. Clin. Microbiol. DATE: 1988 VOLUME: 26 NUMBER: 3 PAGES:
540-3 CODEN: JCM DW ISSN: 0095-1137 LANGUAGE: English

3/3, K/9 (Item 1 from file: 149)

DIALCOG(R) File 149: TGG Health&Wellness DB(SM)

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02938821 SUPPLIER NUMBER: 98250052 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Invasive type e Haemophilus influenzae disease in Italy. (Dyspatches).

Cerquetti, Marina; degli Atti, Marta Luisa Ciofi; Cardines, Rita;

Salmaso, Stefania; Penna, Giovanna; Mastrantonio, Paola

Emerging Infectious Diseases, 9, 2, 258(4)

Feb.

2003

PUBLICATION FORMAT: Magazine/Journal ISSN: 1080-6040 LANGUAGE: English

RECORD TYPE: Fulltext TARGET AUDIENCE: Academic; Professional

WORD COUNT: 2993 LINE COUNT: 00273

Cerquetti, Marina...

... 2000-2001). Her research interests include investigations on
mechanisms of pathogenesis in H. influenzae and Clostridium
difficile.

? DS

Set	Items	Description
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S1	116	E1-E8
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S2	11	S1 AND ((DIFFICILE) OR (CLOSTRIDIUMWIDIFFICILE))
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S3	9	RD (unique items)
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? S S3 AND 36(w) Kda

	9	S3
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	2584301	36
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	1027726	KDA
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	14138	36(W KDA
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S4	0	S3 AND 36(W KDA
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? s s3 and 36

	9	S3
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	2584301	36
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S5	1	S3 AND 36
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? t s5/3, k/1

>>>KW C option is not available in file(s): 399

5/3, K/1 (Item 1 from file: 399)

DIALCOG(R) File 399: CA SEARCH(R)

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Page 4

I a c t a t e d e h y d r o g e n a s e c l o s t r i d i u m t x t

118231813 CA: 118(23)231813p JOURNAL

Purification and characterization of an immunodominant 36 kD antigen present on the cell surface of *Clostridium difficile*

AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola; Mastrantonio, Paola
 LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
 JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English
 ? e au=pantosti, annalisa

Ref	Items	Index-term
E1	8	AU=PANTOSHDERI MOVA TD
E2	2	AU=PANTOSHI, A*
E3	1	*AU=PANTOSI, ANNALI SA
E4	1	AU=PANTOSI, DANI ELA
E5	1	AU=PANTOSNE DERI MOVA, T.
E6	283	AU=PANTOSTI A
E7	8	AU=PANTOSTI A L
E8	178	AU=PANTOSTI A.
E9	2	AU=PANTOSTI A. L.
E10	2	AU=PANTOSTI AL
E11	114	AU=PANTOSTI ANNALI SA
E12	66	AU=PANTOSTI D

Enter P or PAGE for more

? s e2-e11

2	AU=PANTOSHI, A*
1	AU=PANTOSI, ANNALI SA
1	AU=PANTOSI, DANI ELA
1	AU=PANTOSNE DERI MOVA, T.
283	AU=PANTOSTI A
8	AU=PANTOSTI A L
178	AU=PANTOSTI A.
2	AU=PANTOSTI A. L.
2	AU=PANTOSTI AL
114	AU=PANTOSTI ANNALI SA

S6 592 E2-E11

? s s6 and difficile

592 S6

86448 DI FFICI LE

S7 72 S6 AND DI FFICI LE

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 21 RD (unique items)

? t s8/3, k/1-21

>>>KWC option is not available in file(s): 399

8/3, K/1 (Item 1 from file: 5)

DI ALCO (R) File 5: Biosis Previews (R)

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13823529 BIOSIS NO.: 199799457589

Clostridium difficile: An update on virulence mechanisms

AUTHOR: Mastrantonio Paola (Reprint); Pantosti Annalisa; Cerquetti

Marina; Fiorentini Carla; Donelli Gianfranco

AUTHOR ADDRESS: Lab. Bacteriology and Med. Mycology, Istituto Superiore di Sanita, Viale Regina Elena 299, 00161 Roma, Italy*Italy

lactate dehydrogenase of Clostridium
JOURNAL: Anaerobe 2 (6): p337-343 1996 1996
ISSN: 1075-9964
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Citation
LANGUAGE: English

Clostridium difficile: An update on virulence mechanisms
...AUTHOR: Pantosti Annalisa
DESCRIPTORS:
...ORGANISMS: Clostridium difficile (Endospore-forming
Gram-Positives)
CHEMICALS & BIOCHEMICALS:

8/3, K/2 (Item 2 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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11829030 BIOSIS NO.: 199395131296
Purification and characterization of an immunodominant 36 kDa antigen
present on the cell surface of Clostridium difficile
AUTHOR: Cerquetti Marina; Pantosti Annalisa; Stefanelli Paola;
Mastrantonio Paola (Reprint)
AUTHOR ADDRESS: Laboratorio di Bacteriologia e Micologia Medica, Istituto
Superiore di Sanita, Viale Regina Elena 299, 00161 Roma, Italy**Italy
JOURNAL: Microbial Pathogenesis 13 (4): p271-279 1992
ISSN: 0882-4010
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

...and characterization of an immunodominant 36 kDa antigen present on the
cell surface of Clostridium difficile
...AUTHOR: Pantosti Annalisa

ABSTRACT: The 36 kDa antigen represents the major EDTA-extracted protein of
Clostridium difficile strains belonging to electrophoretic group 2.
Antibodies to this antigen are found in sera of patients with C.
difficile-associated diarrhoea. The 36 kDa antigen was extracted
from C. difficile C253 by EDTA and purified by gel filtration
(Sephacryl S300) and ion exchange chromatography (DEAE...)

...Immunofluorescence demonstrated that the 36 kDa antigen was located on
the surface of the C. difficile cell. Monospecific antiserum raised
in rabbits reacted positively with the 36 kDa protein of most group 2 C.
difficile strains isolated from antibiotic-associated diarrhoea
(AAD) outbreaks in Italy and other European countries.

DESCRIPTORS:
...ORGANISMS: Clostridium difficile (Endospore-forming
Gram-Positives...
CHEMICALS & BIOCHEMICALS:

8/3, K/3 (Item 3 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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10096870 BIOSIS NO.: 199089014761
IMMUNOBLOT ANALYSIS OF SERUM IMMUNOGLOBULIN G RESPONSE TO SURFACE PROTEINS
OF CLOSTRIDIUM DIFFICILE IN PATIENTS WITH ANTIBIOTIC-ASSOCIATED
DIARRHOEA
AUTHOR: PANTOSTI A (Reprint); CERQUETTI M VITI F; ORTISI G
Page 6

Iact at edehydr ogenase cl ostrid ium t xt

MASTRANTONI O P
AUTHOR ADDRESS: BACTERIOLOGICAL AND MEDICAL LAB, 1ST SUPERIOR DI SANITA, 00161
ROME, ITALY**ITALY
JOURNAL: Journal of Clinical Microbiology 27 (11): p2594-2597 1989
ISSN: 0095-1137
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

IMMUNOBLOT ANALYSIS OF SERUM IMMUNOGLOBULIN G RESPONSE TO SURFACE PROTEINS
OF CLOSTRIDIUM DIFFICILE IN PATIENTS WITH ANTIBIOTIC-ASSOCIATED
DIARRHEA
AUTHOR: PANTOSTI A...

... ABSTRACT: immunoblot analysis the serum immunoglobulin G antibody
response to EDTA-extracted surface proteins of Clostridium
difficile in 16 patients with antibiotic-associated diarrhea. For
each patient, paired serum samples were tested...

... to belong to the electrophoretic group 2 pattern. Eight patients, all
harboring group 2 C. difficile strains, exhibited responses to the
proteins of the infecting strain; six patients showed increases in...

... C. difficile proteins other than toxins can elicit an immune response in
patients with C. difficile-associated disease; in this group of
patients, the major surface protein of the group 2...

8/3, K/4 (Item 4 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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09256978 BIOSIS NO.: 198886096899
EVIDENCE FOR CROSS-INFECTION IN AN OUTBREAK OF CLOSTRIDIUM DIFFICILE
ASSOCIATED DIARRHEA IN A SURGICAL UNIT
AUTHOR: TESTORE G P (Reprint); PANTOSTI A; CERQUETTI M; BABUDERI S;
PANCHI G; MASTRANTONI O; ANFRILLI P
AUTHOR ADDRESS: III CLINICA MEDICA, UNIVERSITA DEGLI STUDI DI ROMA, "LA
SAPIENZA", VIALE UNIVERSITA 37, ROMA**ITALY
JOURNAL: Journal of Medical Microbiology 26 (2): p125-128 1988
ISSN: 0022-2615
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

EVIDENCE FOR CROSS-INFECTION IN AN OUTBREAK OF CLOSTRIDIUM DIFFICILE
ASSOCIATED DIARRHEA IN A SURGICAL UNIT
... AUTHOR: PANTOSTI A

ABSTRACT: Environmental studies were performed in a hospital outbreak of
Clostridium difficile-associated diarrhoea. Transmission was
associated with the sluice room and the storage room where medical
equipment was found to be contaminated with C. difficile. Typing of
isolates by antibiotic-susceptibility patterns and profiles of
EDTA-extracted proteins showed the...

8/3, K/5 (Item 5 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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09122516 BIOSIS NO.: 198885091407
ELECTROPHORETIC CHARACTERIZATION OF CLOSTRIDIUM DIFFICILE STRAINS
Page 7

Isolated from antibiotic-associated colitis and other conditions
AUTHOR: PANTOSTI A (Reprint); CERQUETTI M; GIANFRILLI P M
AUTHOR ADDRESS: LAB MED BACTERIOLOGY AND MYCOLOGY, ISTITUTO SUPERIORE DI
SANITA', VIALE REGINA ELENA, 299-00161 ROME, ITALY**ITALY
JOURNAL: Journal of Clinical Microbiology 26 (3): p540-543 1988
ISSN: 0095-1137
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

ELECTROPHORETIC CHARACTERIZATION OF CLOSTRIDIUM DIFFICILE STRAINS
ISOLATED FROM ANTIBIOTIC-ASSOCIATED COLITIS AND OTHER CONDITIONS
AUTHOR: PANTOSTI A...

ABSTRACT: Clostridium difficile has been recognized as the cause of
antibiotic-associated pseudomembranous colitis and of less severe...

...and small children. Various typing systems have been used to clarify the
epidemiology of C. difficile. We used the electrophoretic patterns
of EDTA-extracted proteins to characterize C. difficile strains
from various sources. Altogether, 110 strains were studied, including 2
reference strains, and 21...

...characterization can be used to aid studies on the virulence and
clinical significance of C. difficile.

8/3, K/6 (Item 6 from file: 5)
DIALCO(R) File 5: Biosis Previews(R)
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08096439 BIOSIS NO.: 198681060330
COMPARISON OF THE IN-VITRO ACTIVITIES OF TEICOPLANIN AND VANCOMYCIN AGAINST
CLOSTRIDIUM DIFFICILE AND THEIR INTERACTIONS WITH CHOLESTYRAMINE
AUTHOR: PANTOSTI A (Reprint); LUZZI I; CARDINES R; GIANFRILLI P
AUTHOR ADDRESS: LAB DI BATTERIOLOGIA E MICOL MED, ISTITUTO SUPERIORE DI SANITA' 00161
ROME, ITALY**ITALY
JOURNAL: Antimicrobial Agents and Chemotherapy 28 (6): p847-848 1985
ISSN: 0066-4804
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

COMPARISON OF THE IN-VITRO ACTIVITIES OF TEICOPLANIN AND VANCOMYCIN AGAINST
CLOSTRIDIUM DIFFICILE AND THEIR INTERACTIONS WITH CHOLESTYRAMINE
AUTHOR: PANTOSTI A...

...ABSTRACT: vitro activity of teicoplanin was compared with that of
vancomycin against fecal isolates of Clostridium difficile. All
strains were susceptible to both antibiotics, but teicoplanin was
fourfold more active than vancomycin...

8/3, K/7 (Item 7 from file: 5)
DIALCO(R) File 5: Biosis Previews(R)
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08080514 BIOSIS NO.: 198681044405
CLOSTRIDIUM DIFFICILE COLITIS IN LEUKEMIA PATIENTS
AUTHOR: PANICHI G (Reprint); PANTOSTI A; GENTILE G; TESTORE G P;
VENDITTI M; MARTINO P; SERRA P
AUTHOR ADDRESS: ISTITUTO CLINICA MEDICA III, POLICLINICO UMBERTO I 00185
ROME, ITALY**ITALY

Abstract of dehydrogenase clostridium txt
JOURNAL: European Journal of Cancer and Clinical Oncology 21 (10): p
1159-1164 1985
ISSN: 0277-5379
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

CLOSTRIDIUM DIFFICILE COLITIS IN LEUKEMIA PATIENTS
... AUTHOR: PANTOSTI A

... ABSTRACT: patients with diarrhea or other abdominal symptoms have been investigated for the presence of Clostridium difficile and its cytotoxin in stools. Of the patients studied 19% had C. difficile, in most cases together with cytotoxin. All patients but one had received antibiotics, while one...
...Owing to the most infrequent fatal evolution, it is recommended that routine search for C. difficile in leukemia patients with abdominal symptoms be performed and appropriate therapy started immediately.

8/3/K/8 (Item 8 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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08028186 BIOSIS NO.: 198631109085
THE ROLE OF CLOSTRIDIUM DIFFICILE IN INTESTINAL DISTURBANCES OF
LEUKEMIA PATIENTS
AUTHOR: GENTILE G (Reprint); PANTOSTI A; GIANFRILLI P; LUZZI I;
MARTINO P; VENDITTI M; SANTINI C; CABRINI D; PANICHI G
AUTHOR ADDRESS: III CLINICA MED UNIV DEGLI STUDI LA SAPIENZA- ROMA
JOURNAL: Giornale di Malattie Infettive e Parassitarie 37 (11): p1059-1064
1985
ISSN: 0017-0321
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ITALIAN

THE ROLE OF CLOSTRIDIUM DIFFICILE IN INTESTINAL DISTURBANCES OF
LEUKEMIA PATIENTS
... AUTHOR: PANTOSTI A

8/3/K/9 (Item 9 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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07778350 BIOSIS NO.: 198580087245
EVALUATION OF GAS-LIQUID CHROMATOGRAPHY FOR THE RAPID DIAGNOSIS
CLOSTRIDIUM DIFFICILE ASSOCIATED DISEASE
AUTHOR: GIANFRILLI P (Reprint); PANTOSTI A; LUZZI I
AUTHOR ADDRESS: DEP MED BACTERIOL MYCOL, 1ST SUPERIORE DI SANITA, ROMA
00161, ITALY*ITALY
JOURNAL: Journal of Clinical Pathology (London) 38 (6): p690-693 1985
ISSN: 0021-9746
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

EVALUATION OF GAS-LIQUID CHROMATOGRAPHY FOR THE RAPID DIAGNOSIS
CLOSTRIDIUM DIFFICILE ASSOCIATED DISEASE
... AUTHOR: PANTOSTI A

... ABSTRACT: specimens with isocaproic acid as a marker was used for the
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lactatedehydrogenaseclostridiumtxt
rapid diagnosis of C. difficile associated diarrheal diseases.
Ninety stools were examined and results were compared with conventional
culture on...

8/3, K/10 (Item 10 from file: 5)
DI ALCQ(R) File 5: Biosis Previews(R)
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07751521 BIOSIS NO.: 198580060416
IN: VI TRO ACTI VI TY OF 3 ANTI NEOPLASTI C DRUGS AGAI NST AEROBI C AND ANAEROBI C
INTESTINAL BACTERIA
AUTHOR: VETERE A (Reprint); GIULIANO M PANTOSTI A; PANICHI G
AUTHOR ADDRESS: IST CLIN MED III, UNI V STUDI ROMA LA SAPIENZA, VIALE
DELL'UNIVERSITA 37, 00185 ROME, ITALY**ITALY
JOURNAL: Bollettino dell'Istituto Sieroterapico Milanese 63 (6): p505-509
1984
ISSN: 0021-2547
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ITALIAN

... AUTHOR: PANTOSTI A

... ABSTRACT: used antineoplastic drugs (daunorubicin, cytosine arabinoside,
methotrexate) against aerobic and anaerobic intestinal bacteria and
Clostridium difficile, the etiological agent of pseudomembranous
colitis, was evaluated. Daunorubicin proved to be the most active...

DESCRIP TORS: HUMAN CLOSTRI DI UM DI FFI CI LE BACTEROI DES ENTEROCOCCI
DAUNORUBI CI N CYTOSI NE ARABI NOSI DE METHOTREXATE COLONI ZATI ON RESI STANCE
FLORA ALTERATI ON

8/3, K/11 (Item 11 from file: 5)
DI ALCQ(R) File 5: Biosis Previews(R)
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07445142 BIOSIS NO.: 198528084045
CYTOTOXI N AND ENTEROTOXI N PRODUCTI ON BY CLOSTRI DI UM DI FFI CI LE
AUTHOR: GI ANFRILLI P (Reprint); LUZZI I; PANTOSTI A; COGHI ONERO M
GENTILE G; PANICHI G
AUTHOR ADDRESS: IST SUPERIO RE SANITA, LAB BATTERI CL M CROBI CL MED, VIALE
REGI NA ELENA, 299, 00100 ROME, ITALY**ITALY
JOURNAL: Microbiologica (Pavia) 7 (4): p375-380 1984
ISSN: 1121-7138
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ENGLISH

CYTOTOXI N AND ENTEROTOXI N PRODUCTI ON BY CLOSTRI DI UM DI FFI CI LE
... AUTHOR: PANTOSTI A

8/3, K/12 (Item 12 from file: 5)
DI ALCQ(R) File 5: Biosis Previews(R)
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07390109 BIOSIS NO.: 198528029012
PSEUDOMEMBRANOUS ENTERITIS ASSOCIATED WITH CLOSTRI DI UM DI FFI CI LE
AUTHOR: TESTORE G P (Reprint); PANTOSTI A; PANICHI G; GI ANFRILLI P;
LUZZI I; NARDI F; CONTINI M; ANGELICI A; PULCINI N
AUTHOR ADDRESS: LAB BATTERI CL E M COL MED, IST SUPERIO RE DI SANITA, VIALE
Page 10

lactatedehydrogenaseclostridium.txt

REGINA ELENA 299, 00161 ROMA, ITALY*ITALY
JOURNAL: Italian Journal of Gastroenterology 16 (3): p229-230 1984
ISSN: 0392-0623
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ENGLISH

PSEUDOMEMBRANOUS ENTERITIS ASSOCIATED WITH CLOSTRIDIUM DIFFICILE
... AUTHOR: PANTOSTI A

8/3, K/13 (Item 1 from file: 34)
DI ALCOR File 34: SciSearch(R) Cited Ref Sci
(c) 2009 The Thomson Corp. All rights reserved.

06133930 Genuine Article#: XX182 No. References: 31
Title: Detection of enterotoxigenic *Bacteroides fragilis* by PCR
Author(s): Pantosti A (REPRINT); Malpeli M; Wilks M; Menozzi MG;
D'Ambrosio F
Corporate Source: IST SUPER SANITA, LAB BACTERIOLOG & MED MYCOL, VIALE REGINA
ELENA 299/1-00161 ROMA/ITALY/ (REPRINT); UNIV PARMA, INST
MICROBIOLOG/1-43100 PARMA/ITALY/; UNIV LONDON ST BARTHOLOMEWS HOSP MED
COLL, DEPT MED MICROBIOLOG/LONDON EC1A 7BE/ENGLAND/
Journal: JOURNAL OF CLINICAL MICROBIOLOGY, 1997, V35, N10 (OCT), P2482-2486
ISSN: 0095-1137 Publication date: 19971000
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW
WASHINGTON, DC 20005-4171
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Author(s): Pantosti A (REPRINT); Malpeli M; Wilks M; Menozzi MG;
D'Ambrosio F
... Identifiers:-- TOXIGENIC CLOSTRIDIUM DIFFICILE; POLYMERASE
CHAIN REACTION; ESCHERICHIA COLI; FECAL SAMPLES; DIARRHEAL DISSEASE;
EPI-THelial CELLS; ASSAY; METALLOPROTEASE; ASSOCIATION; INFECTION

8/3, K/14 (Item 1 from file: 73)
DI ALCOR File 73: EMBASE
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0074071929 EMBASE No: 1989252432
Hospital outbreaks of *Clostridium difficile* associated diarrhoea:
Demonstration of cross-infection by typing methods
Cerquetti M; Pantosti A; Gentile G; D'Ambrosio F; Mastrantonio P.
Laboratorio di Bacteriologia e Microbiologia Medica, Roma, Italy;
CORRESP. AUTHOR/AFFIL: Laboratorio di Bacteriologia e Microbiologia Medica,
Roma, Italy

Annali dell'Istituto Superiore di Sanita (ANN. IST. SUPER. SANITA) (Italy)
November 8, 1989, 25/2 (327-332)
CODEN: AISSA ISSN: 0021-2571
DOCUMENT TYPE: Journal RECORD TYPE: Citation
LANGUAGE: Italian SUMMARY LANGUAGE: English

Hospital outbreaks of *Clostridium difficile* associated diarrhoea:
Demonstration of cross-infection by typing methods
... Pantosti A
MEDICAL DESCRIPTIONS:
*clostridium difficile; *diarrhea; *hospital infection--drug therapy
--dt; *hospital infection--epidemiology--ep
ORIG. DESCRIPTIONS:

I a c t a t e d e h y d r o g e n a s e c l o s t r i d i u m t x t

8/3, K/15 (Item 2 from file: 73)
DI A L O G (R) F i l e 73: E M B A S E
(c) 2009 E l s e v i e r B. V. A l l r i t s. r e s e r v.

0073684546 E M B A S E N o: 1988145439
Pathogenesis of postantibiotic diarrhoea caused by *Clostridium*
difficile: An in vitro study in the rabbit intestine
G u a n d a l i n i S.; F a s a n o A.; M g l i a v a c c a M.; V e r g a M. C.; M a s t r a n t o n i o
G a n f r i l l i P.; F e r r a r a A.; A l e s s i o M.; M a l a m s u r a B.; G a l a t i P.;
P a n t o s t i A.; R u b i n o A.
Department of Pediatrics, 2nd School of Medicine, University of Naples,
80131 Naples, Italy;
CORRESP. AUTHOR/AFFIL: Department of Pediatrics, 2nd School of Medicine,
University of Naples, 80131 Naples, Italy

G u t (G U T) (U n i t e d K i n g d o m) J u l y 6, 1988, 29/5 (598-602)
CODEN: GUTTA ISSN: 0017-5749
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English

Pathogenesis of postantibiotic diarrhoea caused by *Clostridium*
difficile: An in vitro study in the rabbit intestine
... P a n t o s t i A

To elucidate the pathophysiological changes leading to postantibiotic
diarrhoea caused by *Clostridium difficile* and its cytotoxin, oral
ampicillin was given to rabbits, and jejunal, ileal, and caecal segments...

... developed diarrhoea were investigated in vitro. The rabbits that, in
response to treatment, harboured *Clostridium difficile* in their
colonic lumen were studied, and the results expressed according to the
presence or absence of *Clostridium difficile* and/or its cytotoxin.
Thus, we refer to either CD+ or CD- segments. The influx...

... in Cl net transport that were more marked in CD-. We conclude that: (1)
Clostridium difficile may also colonise the upper intestinal tract,
where it induces morphological and functional damage, severely...

M E D I C A L D E S C R I P T O R S:
* c l o s t r i d i u m d i f f i c i l e ; * d i a r r h e a - e t i o l o g y - e t ; * i l e u m * i n t e s t i n e
a b s o r p t i o n ; * i n t e s t i n e s e c r e t i o n ; * j e j u n u m * s m a l l i n t e s t i n e
O R I G D E S C R I P T O R S:

8/3, K/16 (Item 3 from file: 73)
DI A L O G (R) F i l e 73: E M B A S E
(c) 2009 E l s e v i e r B. V. A l l r i t s. r e s e r v.

0072906282 E M B A S E N o: 1985111698
Activity of some cytostatic drugs on aerobic and anerobic intestinal
bacteria in vitro
A T T I V I T A I N V I T R O D I A L C U N I F A R M A C I C I T O S T A T I C I S U B A T T E R I I N T E S T I N A L I
A E R O B I E D A N A E R O B I
V e t e r e A.; G u l i a n o M.; P a n t o s t i A.; P a n i c h i G.
Istituto di Clinica Medica III, Università degli Studi di Roma La
Sapienza, 00815 Roma, Italy;
CORRESP. AUTHOR/AFFIL: Istituto di Clinica Medica III, Università degli
Studi di Roma La Sapienza, 00815 Roma, Italy

Bollettino dell'Istituto Sieroterapico Milanese (B O L L. I S T. S I E R O T E R.
M I L A N.) (I t a l y) D e c e m b e r 1, 1984, 63/6 (505-509)
CODEN: BLSMA ISSN: 0021-2547

lactatedehydrogenaseclostridium.txt
DOCUMENT TYPE: Journal RECORD TYPE: Citation
LANGUAGE: Italian SUMMARY LANGUAGE: English

... Pantosti A
MEDICAL DESCRIPTIONS:
*bacterial flora; *Clostridium difficile; *drug efficacy; *intestinal
flora
ORIGINAL DESCRIPTIONS:

8/3, K/17 (Item 4 from file: 73)
DIALOG File 73: EMBASE
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0072704709 EMBASE No: 1984085125
In vitro susceptibility of Clostridium difficile isolates to 12
antimicrobial agents
Gianfrilli P.; Luzzi I.; Pantosti A.; Occhionero M
Lab. Bacteriologia e Micologia Medica, Istituto Superiore di Sanita, Roma
00162, Italy;
CORRESP. AUTHOR/ AFFILI: Lab. Bacteriologia e Micologia Medica, Istituto
Superiore di Sanita, Roma 00162, Italy

Chimioterapia (CHEMOTERAPIA) (Italy) May 10, 1984, 3/1 (41-44)
CODEN: CHEM ISSN: 0392-906X
DOCUMENT TYPE: Journal; Article RECORD TYPE: Citation
LANGUAGE: English

In vitro susceptibility of Clostridium difficile isolates to 12
antimicrobial agents
... Pantosti A
MEDICAL DESCRIPTIONS:
*Clostridium difficile; *drug sensitivity; *minimum inhibitory
concentration
ORIGINAL DESCRIPTIONS:

8/3, K/18 (Item 1 from file: 144)
DIALOG File 144: Pascal
(c) 2009 INIST/CNRS. All rights reserved.

08572502 PASCAL No.: 89-0121545
Pathogenesis of postantibiotic diarrhoea caused by Clostridium
difficile: an in vitro study in the rabbit intestine
GUANDALINI S; FASANO A; MGLI AVACCA M; VERGA M C; MASTRANTONI O GIANFRILLI
P; FERRARA A; ALESSI O M; MALAMURA B; GALATI P; PANTOSTI A; RUBINO A
Univ. Naples, 2nd school medicine, Italy
Journal: Gut, 1988, 29 (5) 598-602
Language: English

Pathogenesis of postantibiotic diarrhoea caused by Clostridium
difficile: an in vitro study in the rabbit intestine
... M. VERGA M C; MASTRANTONI O GIANFRILLI P; FERRARA A; ALESSI O M;
MALAMURA B; GALATI P; PANTOSTI A; RUBINO A

English Descriptors: Antibiotic; Diarrhea; Clostridium difficile; Gut
; In vitro; Rabbit; Animal; Toxicity; Digestive diseases

French Descriptors: Antibiotique; Diarrhee; Clostridium difficile;
Ampicilline; Intestin; In vitro; Lapin; Animal; Toxicite; Appareil
de gestion pathologie

Spanish Descriptors: Antibiotico; Diarrea; Clostridium difficile;
Intestino; In vitro; Conejo; Animal; Toxicidad; Aparato digestivo
Page 13

patol ogi a

8/3, K/19 (Item 1 from file: 155)
 DI ALCQ F) File 155: MEDLINE(F)
 (c) format only 2009 Dialog. All rts. reserv.

09340332 PM D: 2589733
 [Hospital epidemic of *Clostridium difficile* diarrhea: demonstration of cross-infection using a typing technic]
 Epidemie ospedaliere di diarrea da *Clostridium difficile* : dimostrazione di infezione crociata mediante tecniche di tipizzazione.
 Cerquetti M, Pantosti A; Gentile G, D'Amrosio F; Mastrantonio P
 Annali dell'Istituto superiore di sanita (ITALY) 1989, 25 (2)
 p327-32, ISSN 0021-2571--Print Journal Code: 7502520
 Publishing Model Print
 Document type: English Abstract; Journal Article
 Languages: ITALIAN
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

[Hospital epidemic of *Clostridium difficile* diarrhea: demonstration of cross-infection using a typing technic]
 Epidemie ospedaliere di diarrea da *Clostridium difficile* : dimostrazione di infezione crociata mediante tecniche di tipizzazione.
 Cerquetti M, Pantosti A; Gentile G, D'Amrosio F; Mastrantonio P
 Two hospital outbreaks of *Clostridium difficile* diarrhoea in two general surgery units of different hospitals are described. Moreover, the results of a study on the circulation of *C. difficile* in a neurosurgery unit following two cases of colitis are reported. *C. difficile* strains isolated from patients and environment have been typed using antimicrobial susceptibility testing and electrophoretic...
 ... of antibiotic susceptibility. This provides strong evidence of cross-infection and hospital acquisition of *C. difficile*.

8/3, K/20 (Item 2 from file: 155)
 DI ALCQ F) File 155: MEDLINE(F)
 (c) format only 2009 Dialog. All rts. reserv.

08317555 PM D: 3827004
 [*Clostridium difficile* colitis in patients with blood diseases]
 La colite da *Clostridium difficile* in pazienti empatici.
 Gentile G, Pantosti A; Venditti M, Martino P; Panichi G
 Annali dell'Istituto superiore di sanita (ITALY) 1986, 22 (3)
 p979-83, ISSN 0021-2571--Print Journal Code: 7502520
 Publishing Model Print
 Document type: English Abstract; Journal Article
 Languages: ITALIAN
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

[*Clostridium difficile* colitis in patients with blood diseases]
 La colite da *Clostridium difficile* in pazienti empatici.
 Gentile G, Pantosti A; Venditti M, Martino P; Panichi G

8/3, K/21 (Item 3 from file: 155)
 DI ALCQ F) File 155: MEDLINE(F)
 (c) format only 2009 Dialog. All rts. reserv.

07683918 PM D: 6534396

lactatedehydrogenaseclostridiumtxt
[in vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria]

Attività in vitro di alcuni farmaci citostatici su batteri intestinali aerobi ed anaerobi.

Vetere A; Giuliano M; Pantosti A; Panichi G
Bollettino dell'Istituto sieroterapico milanese (ITALY) 1984, 63 (6)

p505-9. ISSN 0021-2547--Print Journal Code: 17720040R

Publishing Model: Print

Document type: English Abstract; Journal Article

Languages: ITALIAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Vetere A; Giuliano M; Pantosti A; Panichi G

... used antineoplastic drugs (Daunorubicin, Cytosine arabinoside, Methotrexate) against aerobic and anaerobic intestinal bacteria and Clostridium difficile that is the aetiological agent of pseudomembranous colitis. Daunorubicin proved to be the most active...

...ranging from 16 to 128 micrograms/ml, 50% of Bacteroides strains and 90% of Clostridium difficile and Enterococci strains tested. Methotrexate showed activity only against some Bacteroides strains, while Cytosine arabinoside...

? ds

Set	Items	Description
S1	116	E1-E8
S2	11	S1 AND ((DI FFICILE) OR (CLOSTRIDIUM (W DI FFICILE))
S3	9	RD (unique items)
S4	0	S3 AND 36 (W KDA
S5	1	S3 AND 36
S6	592	E2-E11
S7	72	S6 AND DI FFICILE
S8	21	RD (unique items)
? s s8 and 36	21	S8
	2584301	36
? t s9/3, k/1	S9	1 S8 AND 36

>>>KW option is not available in file(s): 399

9/3, K/1 (Item 1 from file: 5)
DI ALCO R) File 5: Biosis Previews(R)
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11829030 BIOSIS NO.: 199395131296

Purification and characterization of an immunodominant 36 kDa antigen present on the cell surface of Clostridium difficile

AUTHOR: Cerquetti Marina; Pantosti Annalisa; Stefanelli Paola;

Mastrantonio Paola (Reprint)

AUTHOR ADDRESS: Laboratorio di Bacteriologia e Micrologia Medica, Istituto Superiore di Sanita, Viale Regina Elena 299, 00161 Roma, Italy**Italy

JOURNAL: Microbial Pathogenesis 13 (4): p271-279 1992

ISSN: 0882-4010

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Purification and characterization of an immunodominant 36 kDa antigen present on the cell surface of Clostridium difficile

...AUTHOR: Pantosti Annalisa

ABSTRACT: The 36 kDa antigen represents the major EDTA-extracted

lactate dehydrogenase Clostridium txt
 protein of Clostridium difficile strains belonging to
 electrophoretic group 2. Antibodies to this antigen are found in sera of
 patients with C. difficile-associated diarrhoea. The 36 kDa
 antigen was extracted from C. difficile C253 by EDTA and purified
 by gel filtration (Sephacryl S300) and ion exchange chromatography
 (DEAE-Trisacryl M). The molecular weight of the purified protein was
 36 kDa as determined by SDS-PAGE, also in non-reducing conditions.
 By gel filtration, the...

... of pl 4.6, the protein could be a homodimeric molecule.
 Immunofluorescence demonstrated that the 36 kDa antigen was located
 on the surface of the C. difficile cell. Monospecific antiserum
 raised in rabbits reacted positively with the 36 kDa protein of
 most group 2 C. difficile strains isolated from
 antibiotic-associated diarrhoea (AAD) outbreaks in Italy and other
 European countries.

DESCRIPTION:

... ORGANISMS: Clostridium difficile (Endospore-forming
 Gram-Positives...

CHEMICALS & BIOCHEMICALS:

? e au=stefanelli, p?

Ref	Items	Index-term
E1	92	AU=STEFANELLI, P.
E2	2	AU=STEFANELLI, P. F.
E3	0	*AU=STEFANELLI, P?
E4	50	AU=STEFANELLI, PAOLA
E5	17	AU=STEFANELLI, PATRIZIA
E6	2	AU=STEFANELLI, PIETRO
E7	1	AU=STEFANELLI, PIETRO A.
E8	2	AU=STEFANELLI, R.
E9	95	AU=STEFANELLI, R.
E10	30	AU=STEFANELLI, RENATO
E11	7	AU=STEFANELLI, RICCARDO
E12	2	AU=STEFANELLI, ROBERTO

Enter P or PAGE for more

? s e4

S10 50 AU=STEFANELLI, PAOLA

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S11 32 RD (unique items)

? t s11 and difficile

>>>'AND' not allowed in command

? s s11 and difficile

32 S11
 86448 DIFFICILE

S12 1 S11 AND DIFFICILE

? t s12/3, k/1

>>>KW C option is not available in file(s): 399

12/3, K/1 (Item 1 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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118231813 CA: 118(23)231813p JOURNAL
 Purification and characterization of an immunodominant 36 kD antigen
 Page 16

fact at edehydrogenase cl ostridi um txt
 present on the cell surface of Clostridium difficile
 AUTHOR(S): Carquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
 Mastrantonio, Paola
 LCCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
 JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English
 ? e au=mastrantonio, p?

Ref	Items	Index-term
E1	2	AU=MASTRANTONIO Q. P. GIANFRILLI
E2	22	AU=MASTRANTONIO Q. P*
E3	0	*AU=MASTRANTONIO Q. P?
E4	111	AU=MASTRANTONIO Q. PAOLA
E5	11	AU=MASTRANTONIO Q. PASQUALE
E6	4	AU=MASTRANTONIO Q. S
E7	2	AU=MASTRANTONIO Q. S.
E8	3	AU=MASTRANTONIO Q. S. D. S.
E9	1	AU=MASTRANTONIO Q. S. DI S.
E10	1	AU=MASTRANTONIO Q. S. D. S.
E11	1	AU=MASTRANTONIO Q. SABRINA DI SALVO
E12	7	AU=MASTRANTONIO Q. STEFANIA

Enter P or PAGE for more

? s e4
 S13 111 AU=MASTRANTONIO Q. PAOLA
 ? s e4 and e13
 111 AU=MASTRANTONIO Q. PAOLA
 3 AU=MASTRANTONIO S N
 S14 0 AU=MASTRANTONIO Q. PAOLA' AND AU=MASTRANTONIO S N
 ? e au=mastrantonio, p?

Ref	Items	Index-term
E1	2	AU=MASTRANTONIO Q. P. GIANFRILLI
E2	22	AU=MASTRANTONIO Q. P*
E3	0	*AU=MASTRANTONIO Q. P?
E4	111	AU=MASTRANTONIO Q. PAOLA
E5	11	AU=MASTRANTONIO Q. PASQUALE
E6	4	AU=MASTRANTONIO Q. S
E7	2	AU=MASTRANTONIO Q. S.
E8	3	AU=MASTRANTONIO Q. S. D. S.
E9	1	AU=MASTRANTONIO Q. S. DI S.
E10	1	AU=MASTRANTONIO Q. S. D. S.
E11	1	AU=MASTRANTONIO Q. SABRINA DI SALVO
E12	7	AU=MASTRANTONIO Q. STEFANIA

Enter P or PAGE for more

? s e4 and e12
 111 AU=MASTRANTONIO Q. PAOLA
 7 AU=MASTRANTONIO Q. STEFANIA
 S15 0 AU=MASTRANTONIO Q. PAOLA' AND AU=MASTRANTONIO Q. STEFANIA'
 ? s e4
 S16 111 AU=MASTRANTONIO Q. PAOLA'
 ? s s16 and difficile
 111 S16
 86448 DIFFICILE
 S17 42 S16 AND DIFFICILE
 ? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

lactate dehydrogenase clostridium ttx
S18 28 RD (unique items)
? t s18/3, k/1-28
>>>KW C option is not available in file(s): 399

18/3, K/1 (item 1 from file: 24)
DIALCOG File 24: CSA Life Sciences Abstracts
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0003537126- IP ACCESSION NO: 8641789
Emergence of reduced susceptibility to metronidazole in *Clostridium*
difficile

Baines, Simon D; O'Connor, Rachael; Freeman, Jane; Fawley, Warren N;
Harnanus, Celine; Mastrantonio, Paola; Kuijper, Ed J; Wilcox, Mark
H
1 Department of Microbiology, Institute of Molecular and Cellular Biology,
University of Leeds, Leeds LS2 9JT, UK,
[mailto:mark.wilcox@leedsth.nhs.uk]

Journal of Antimicrobial Chemotherapy, v 62, n 5, p 1046-1052, November
2008
PUBLICATION DATE: 2008

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0305-7453

ELECTRONIC ISSN: 1460-2091

FILE SEGMENT: Industrial & Applied Microbiology Abstracts (Microbiology A);
Bacteriology Abstracts (Microbiology B); Nucleic Acids Abstracts

Emergence of reduced susceptibility to metronidazole in *Clostridium*
difficile

Baines, Simon D; O'Connor, Rachael; Freeman, Jane; Fawley, Warren N;
Harnanus, Celine; Mastrantonio, Paola; Kuijper, Ed J; Wilcox, Mark
H

ABSTRACT:

Collective Antimicrobial treatment for *Clostridium difficile*
infection (CDI) has typically been metronidazole, although reports have
questioned the efficacy of this option. We screened recently isolated *C.*
difficile (2005-06) for susceptibility to metronidazole and compared
results for historic isolates (1995-2001). Methods *C. difficile*
ribotypes 001 (n = 86), 106 (n = 81) and 027 (n = 48) and isolates from the
...
... prevalent ribotypes in Leeds (n = 57) were screened using spiral
gradient endpoint analysis (SGE). *C. difficile* with metronidazole SGE
MCs greater than or equal to 6 mg/L were analysed further...

... Etest. Multiple-locus variable-number tandem-repeat analysis (MLVA)
typing was performed for 28 *C. difficile* isolates. Results No reduced
metronidazole susceptibility was observed in *C. difficile* ribotypes
106 and 027 (geometric mean SGE MCs 1.11 and 0.90 mg/L, respectively). In
contrast, 21 (24.4%) *C. difficile* ribotype 001 demonstrated reduced
susceptibility to metronidazole (geometric mean SGE MCs 3.51 mg/L...

... were confirmed by an agar incorporation method. Geometric mean agar
incorporation MCs for historic *C. difficile* ribotype 001 (n = 72)

lactate dehydrogenase clostridium toxin
were 1.03 (range 0.25-2.2) mg/L compared with...

...for recent isolates displaying reduced metronidazole susceptibility.
MLVA typing revealed two clonal complexes of *C. difficile* with
reduced susceptibility to metronidazole. Conclusions We have demonstrated
the emergence of reduced susceptibility to metronidazole in 24.4% of the
recent *C. difficile* ribotype 001 isolates from our institution. Our
observations could have implications in the clinical setting...

DESCRIPTORS: Agar; Colon; Infection; Metronidazole; Minimum inhibitory
concentration; Typing; *Clostridium difficile*

18/3, K/2 (Item 2 from file: 24)
DI ALCOR File 24: CSA Life Sciences Abstracts
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0003364984 I.P. ACCESSION NO: 8514072
Surface layer proteins from *Clostridium difficile* induce inflammatory
and regulatory cytokines in human monocytes and dendritic cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio; Spensieri,
Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-mediated Diseases,
Anti-Infectious Immunity Unit, Istituto Superiore di Sanita, Viale Regina
Elena 29, 00161 Rome, Italy, [mailto:ausiello@ss.it]

Microbes and Infection, v 8, n 11, p 2640-2646, September 2006
PUBLICATION DATE: 2006

PUBLISHER: Editions Scientifiques et Médicales Elsevier, 23 rue Linols
75724 Paris cedex 15 France, [URL: <http://www.elsevier.fr>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1286-4579
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Surface layer proteins from *Clostridium difficile* induce inflammatory
and regulatory cytokines in human monocytes and dendritic cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio; Spensieri,
Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola

ABSTRACT:

Clostridium difficile, an etiological agent of most cases of
antibiotic-associated diarrhea, exerts its pathological action mainly...

...mixed Th1/Th2 orientation of immune response in naive CD4 T cells. In
conclusion, *C. difficile* SLPs may contribute to the pathogenicity of
the bacterium by perturbing the fine balance of...

...in the light of the possible use of SLPs in a multicomponent vaccine
against *C. difficile* infections for high-risk patients.

...DESCRIPTORS: 12; Interleukin 6; Lymphocytes T; Monocytes;
Pathogenicity; Risk groups; Toxin A; Toxin B; Vaccines; *Clostridium*
difficile

Lactate dehydrogenase clonidine

18/3, K/3 (Item 3 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0003180363 IP ACCESSION NO: 8032667
Tetracycline Resistance Gene tet(W) in the Pathogenic Bacterium *Clostridium difficile*

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 52, n 2, p 770-773, February 2008
PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0066-4804
ELECTRONIC ISSN: 1098-6596
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)
Tetracycline Resistance Gene tet(W) in the Pathogenic Bacterium *Clostridium difficile*

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:
In this study, the tet(W) gene region of a human clinical isolate of
Clostridium difficile resistant to tetracycline was characterized.
This gene was a new allele showing 99% sequence identity...

DESCRIPTORS: Clinical isolates; Tetracyclines; *Bifidobacterium longum*
Clostridium difficile

18/3, K/4 (Item 4 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0002957162 IP ACCESSION NO: 7139869
Horizontal Transfer of Erythromycin Resistance from *Clostridium*
difficile to *Butyrivibrio fibrisolvens*

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic, and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 49, n 12, p 5142-5145, December 2005
PUBLICATION DATE: 2005

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

Lactate dehydrogenase clostridium text

ISSN: 0066-4804

ELECTRONIC ISSN: 1098-6596

FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

Horizontal Transfer of Erythromycin Resistance from *Clostridium difficile* to *Butyrivibrio fibrisolvens*

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:

... erythromycin resistance gene *erm(B)* between two obligate anaerobes, the human spore-forming pathogen *Clostridium difficile* and the rumen commensal *Butyrivibrio fibrisolvens*, suggesting that this event might occur also in the...

DESCRIPTORS: Antimicrobial agents; Commensals; Erythromycin; Horizontal transfer; Pathogens; Rumen; *Butyrivibrio fibrisolvens*; *Clostridium difficile*

18/3, K/5 (Item 5 from file: 24)

DIALOG(R) File 24: CSA Life Sciences Abstracts

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0002856081 IP ACCESSION NO: 6947098

New variants of the *tet(M)* gene in *Clostridium difficile* clinical isolates harbouring Tn916-like elements

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita Viale Regina Elena 299, 00161 Rome, Italy

Journal of Antimicrobial Chemotherapy, v 57, n 6, p 1205-1209, June 2006

PUBLICATION DATE: 2006

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street Oxford OX2 6DP UK, [mailto:jnl.samples@oup.co.uk],
[URL: <http://www3.oup.co.uk/jnl/s/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0305-7453

FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

New variants of the *tet(M)* gene in *Clostridium difficile* clinical isolates harbouring Tn916-like elements

Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:

OBJECTIVES: To detect Tn916-like elements in *Clostridium difficile* clinical isolates from different time periods and to analyse the genetic structure of these elements, in particular the *tet(M)* region. METHODS: Ninety *C. difficile* clinical isolates were examined by PCR assays for *tet(M)* and *int*, which are markers...

...investigated by PCR mapping and hybridization assays. The *tet(M)* region of eight selected *C. difficile* isolates was sequenced. RESULTS: Nineteen isolates were *tet(M)/int* positive and the majority (12...

...tetracycline resistant, three inducibly resistant and five susceptible.

lactatedehydrogenaseclostridium.txt
Fifty-eight per cent of the C. difficile isolates harboured one Tn916
element and 42% harboured two. Most isolates showed elements with a...

...tet(M) variants were identified, five of which have never been described
before. CONCLUSIONS: C. difficile isolates harbouring Tn916-like
elements have mainly been isolated since 1997, suggesting a recent
circulation of these elements among C. difficile strains in Italian
hospitals. Molecular analysis of these Tn916-like elements showed that they
may...

... DESCRIPTORS: reaction; Genetic structure; Tetracyclines; Minimum
inhibitory concentration; Gene mapping; Hospitals; Transposons;
Protein sorting signals; Clostridium difficile; Enterococcus
faecalis

18/3, K/6 (Item 6 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0002743474 I.P. ACCESSION NO: 6415789
ErrB Determinants and Tn916-Like Elements in Clinical Isolates of
Clostridium difficile

Spiaggia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 49, n 6, p 2550-2553, June 2005
PUBLICATION DATE: 2005

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0066-4804

FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

ErrB Determinants and Tn916-Like Elements in Clinical Isolates of
Clostridium difficile

Spiaggia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola

ABSTRACT:

Erythromycin and tetracycline resistance was analyzed in 37 Clostridium
difficile clinical isolates. Strains of different clonal origins
showed different erythromycin and tetracycline resistance determinants and
...

... strains of recent isolation, the presence of Tn916-like elements, never
found before in C. difficile clinical isolates, has been
demonstrated.

DESCRIPTORS: Clinical isolates; Erythromycin; Antibiotic resistance;
Tetracyclines; Antimicrobial agents; Clostridium difficile

DI ALCO (R) File 393: Beilstein Database - Abstracts
(c) 2008 Beilstein GmbH. All rights reserved.

Beilstein Abstract Id: 6712340

Title: Tetracycline resistance gene tet(W) in the pathogenic bacterium *Clostridium difficile*

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

Citation: Antimicrob. Agents & Chemother. (2008) Series: 52-2, 770 - 773

CODEN: AMACQ Language: English

Abstract Language: English

Title: Tetracycline resistance gene tet(W) in the pathogenic bacterium *Clostridium difficile*

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

Abstract: In this study, the tet(W) gene region of a human clinical isolate of *Clostridium difficile* resistant to tetracycline was characterized. This gene was a new allele showing 99 percent sequence...

18/3, K/8 (Item 2 from file: 393)

DI ALCO (R) File 393: Beilstein Database - Abstracts
(c) 2008 Beilstein GmbH. All rights reserved.

Beilstein Abstract Id: 6553660

Title: Horizontal Transfer of Erythromycin Resistance from *Clostridium difficile* to *Butyrivibrio fibrilvens*

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

Citation: Antimicrob. Agents & Chemother. (2005) Series: 49-12, 5142 -

5145 CODEN: AMACQ Language: English

Abstract Language: English

Title: Horizontal Transfer of Erythromycin Resistance from *Clostridium difficile* to *Butyrivibrio fibrilvens*

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

... Abstract: erythromycin resistance gene erm(B) between two obligate anaerobes, the human spore-forming pathogen *Clostridium difficile* and the rumen commensal *Butyrivibrio fibrilvens*, suggesting that this event might occur also in the...

18/3, K/9 (Item 3 from file: 393)

DI ALCO (R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6538725

Title: ErmB Determinants and Tn916-Like Elements in Clinical Isolates of *Clostridium difficile*

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio; Mastrantonio, Paola

Citation: Antimicrob. Agents & Chemother. (2005) Series: 49-6, 2550 -

2553 CODEN: AMACQ Language: English

Abstract Language: English

Title: ErmB Determinants and Tn916-Like Elements in Clinical Isolates of

lactate dehydrogenase clonidine.txt

Clonidine.txt

Author: Spigaglia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola

Abstract: Erythromycin and tetracycline resistance was analysed in 37
Clonidine.txt clinical isolates. Strains of
different clonal origins showed different erythromycin and
tetracycline resistance determinants and...

... strains of recent isolation, the presence of Tn916-like elements, never
found before in C. difficile clinical isolates, has been
demonstrated.

18/3, K/10 (Item 1 from file: 399)

DIALOG File 399: CA SEARCH(R)

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151096905 CA: 151(5)96905 JOURNAL

Hypervirulent antibiotic resistant Clonidine.txt in Europe

CORPORATE AUTHOR(S): European Study Group on Clonidine.txt
(ESGCD)

AUTHOR(S): Mastrantonio, Paola; Barbanti, Fabrizio; Spigaglia, Patrizia

LOCATION: Department of Infectious, Parasitic and Immune-mediated

Diseases, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: Microb. Ecol. Health Dis. (Microbial Ecology in Health and

Disease) DATE: 2008 VOLUME: 20 NUMBER: 4 PAGES: 210-212 CODEN: MEHDE6

ISSN: 0891-060X LANGUAGE: English PUBLISHER: Informa Healthcare

18/3, K/11 (Item 2 from file: 399)

DIALOG File 399: CA SEARCH(R)

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151096607 CA: 151(5)96607p CONFERENCE PROCEEDING

Antibiotic resistance determinants in Clonidine.txt

AUTHOR(S): Mastrantonio, Paola; Spigaglia, Patrizia

LOCATION: Department of Infectious, Parasitic and Immune-mediated

Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Clonidine.txt (Clonidine.txt) EDITOR: Brueggemann, Holger (Ed),

Gottschalk, Gerhard (Ed), DATE: 2009 PAGES: 169-177 CODEN: 69LGQO

LANGUAGE: English PUBLISHER: Caister Academic Press, Norwich, UK ISBN:
978-1-904455-38-7

18/3, K/12 (Item 3 from file: 399)

DIALOG File 399: CA SEARCH(R)

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150558777 CA: 150(26)558777h JOURNAL

Molecular analysis of the gyrA and gyrB quinolone resistance-determining
regions of fluoroquinolone-resistant Clonidine.txt mutants
selected in vitro

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Louie, Thomas;

Barbut, Frederic; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immune-Mediated

Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Antimicrob. Agents Chemother. (Antimicrobial Agents and

Chemotherapy) DATE: 2009 VOLUME: 53 NUMBER: 6 PAGES: 2463-2468 CODEN:

AMACQ ISSN: 0066-4804 LANGUAGE: English PUBLISHER: American Society for
Microbiology

18/3, K/13 (Item 4 from file: 399)

lactate dehydrogenase clonistridium.txt

DI ALCOG(R) File 399: CA SEARCH(R)

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150255373 CA: 150(13)255373g JOURNAL

Fluoroquinolone resistance in *Clostridium difficile* isolates from a prospective study of *C. difficile* infections in Europe

CORPORATE AUTHOR(S): European Study Group on *Clostridium difficile* ESCGD

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola; Brazier, Jon S.; Barbut, Frederic; Delmee, Michel; Kuijper, Ed; Poxton, Ian R

LOCATION: Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2008

VOLUME: 57 NUMBER: 6 PAGES: 784-789 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

18/3, K/14 (Item 5 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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150053888 CA: 150(4)53888t JOURNAL

Clostridium difficile TxA314 and SLP-36kDa enhance the immune response toward a co-administered antigen

AUTHOR(S): Brun, Paola; Scarpa, Melania; Grillo, Alessia; Palu, Giorgio; Mengoli, Carlo; Zecconi, Alfonso; Spigaglia, Patrizia; Mastrantonio, Paola; Castagliuolo, Ignazio

LOCATION: Department of Histology, Microbiology and Medical Biotechnologies, University of Padua, Padua, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2008

VOLUME: 57 NUMBER: 6 PAGES: 725-731 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

18/3, K/15 (Item 6 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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148160875 CA: 148(8)160875s JOURNAL

Detection of a Genetic Linkage Between Genes Coding for Resistance to Tetracycline and Erythromycin in *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Microb. Drug Resist. (New Rochelle, NY, U. S.) (Microbial Drug Resistance (New Rochelle, NY, United States)) DATE: 2007

VOLUME: 13 NUMBER: 2 PAGES: 90-95 CODEN: MDREFJ ISSN: 1076-6294

LANGUAGE: English PUBLISHER: Mary Ann Liebert, Inc.

18/3, K/16 (Item 7 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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142370605 CA: 142(20)370605f JOURNAL

Comparative analysis of *Clostridium difficile* clinical isolates belonging to different genetic lineages and time periods

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immunomediated Diseases, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2004

VOLUME: 53 NUMBER: 11 PAGES: 1129-1136 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

lactate dehydrogenase clostridium txt

18/3, K/17 (Item 8 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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139208372 CA: 139(14)208372u JOURNAL

Evaluation of repetitive element sequence-based PCR as a molecular typing method for *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Bacteriology and Medical Mycology Laboratory, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Clin. Microbiol. (Journal of Clinical Microbiology) DATE:

2003 VOLUME: 41 NUMBER: 6 PAGES: 2454-2457 CODEN: JCM DW ISSN:

0095-1137 LANGUAGE: English PUBLISHER: American Society for Microbiology

18/3, K/18 (Item 9 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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138118102 CA: 138(9)118102f JOURNAL

Molecular analysis of the pathogenicity locus and polymorphism in the putative negative regulator of toxin production (TcdC) among *Clostridium difficile* clinical isolates

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Clin. Microbiol. (Journal of Clinical Microbiology) DATE:

2002 VOLUME: 40 NUMBER: 9 PAGES: 3470-3475 CODEN: JCM DW ISSN:

0095-1137 LANGUAGE: English PUBLISHER: American Society for Microbiology

18/3, K/19 (Item 10 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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137152196 CA: 137(11)152196d JOURNAL

Analysis of macrolide-lincosamide-streptogramin B (MLS_B) resistance determinant in strains of *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Microb. Drug Resist. (Larchmont, NY, U. S.) (Microbial Drug

Resistance (Larchmont, NY, United States)) DATE: 2002 VOLUME: 8 NUMBER:

1 PAGES: 45-53 CODEN: MDREJ ISSN: 1076-6294 LANGUAGE: English

PUBLISHER: Mary Ann Liebert, Inc.

18/3, K/20 (Item 11 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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137045065 CA: 137(4)45065p JOURNAL

Binding of *Clostridium difficile* to Caco-2 epithelial cell line and to extracellular matrix proteins

AUTHOR(S): Cerquetti, Marina; Serafino, Annalucia; Sebastianelli,

Annalisa; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: FEMS Immunol. Med. Microbiol. (FEMS Immunology and Medical

Microbiology) DATE: 2002 VOLUME: 32 NUMBER: 3 PAGES: 211-218 CODEN:

FIM EV ISSN: 0928-8244 PUBLISHER ITEM IDENTIFIER: 0928-8244(01)00301-7

lactate dehydrogenase cl ostridium txt
LANGUAGE: English PUBLISHER: Elsevier Science B.V.

18/3, K/21 (Item 12 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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135043236 CA: 135(4)43236e JOURNAL
Molecular and genomic analysis of genes encoding surface-anchored
proteins from *Clostridium difficile*
AUTHOR(S): Karjalainen, Tuomo; Valigora-Dupriet, Anne-Judith; Cerquetti,
Marina; Spigaglia, Patrizia; Maggioni, Andrea; Mauri, Pierluigi;
Mastrantonio, Paola
LOCATION: Dep. Microbiol., Fac. Pharm, Universite de Paris-Sud, 92296,
Chatenay-Malabry, Fr.
JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
3442-3446 CODEN: INFI BR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

18/3, K/22 (Item 13 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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133346858 CA: 133(25)346858j JOURNAL
Characterization of surface layer proteins from different *Clostridium*
difficile clinical isolates
AUTHOR(S): Cerquetti, Marina; Molinari, Agnese; Sebastianelli, Annalisa;
Diotallevi, Marco; Petruzzelli, Raffaele; Capo, Concetta; Mastrantonio,
Paola
LOCATION: Department of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 2000 VOLUME: 28 NUMBER: 6 PAGES:
363-372 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English PUBLISHER:
Academic Press

18/3, K/23 (Item 14 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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126168853 CA: 126(13)168853z JOURNAL
Clostridium difficile: an update on virulence mechanisms
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Fiorentini, Carla; Donelli, Gianfranco
LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy
JOURNAL: Anaerobe DATE: 1996 VOLUME: 2 NUMBER: 6 PAGES: 337-343
CODEN: ANAEF8 ISSN: 1075-9964 LANGUAGE: English PUBLISHER: Academic

18/3, K/24 (Item 15 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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125296686 CA: 125(23)296686p JOURNAL
Clostridium difficile and its surface proteins
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Molinari, Agnese; Gelosia, Antonella; Donelli, Gianfranco
LOCATION: Dept. of Bacteriology and Medical Mycology, Istituto Superiore
di Sanita, 00161, Rome, Italy
JOURNAL: Mikrobiol. Ther. DATE: 1995 VOLUME: 23 NUMBER: Beitrage zum
XVIII. Internationalen Symposium fuer Mikrobielle Oekologie und
Page 27

lactatedehydrogenasecl ostridium txt
Krankheiten, 1993 PAGES: 94-101 CODEN: MTHE4 ISSN: 0720-0536
LANGUAGE: English

18/3, K/25 (Item 16 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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118231813 CA: 118(23)231813p JOURNAL
Purification and characterization of an immunodominant 36 kD antigen
present on the cell surface of *Clostridium difficile*
AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
Mastrantonio, Paola
LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English

18/3, K/26 (Item 17 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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118185505 CA: 118(19)185505q CONFERENCE PROCEEDING
Cytotoxicity of *Clostridium difficile* toxin A on a rat intestinal cell
line
AUTHOR(S): Donelli, Gianfranco; Fiorentini, Carla; Mastrantonio, Paola;
Thelustam, Monica
LOCATION: Dep. Ultrastruct., Ist. Super. Sanita', 00161, Rome, Italy
JOURNAL: Recent Adv. Toxinol. Res., (World Conf. Anim. Plant Microb.
Toxin), 10th EDITOR: Gopalakrishnakone, P. (Ed) Tan, Choon Kim (Ed)
DATE: 1992 VOLUME: 3, PAGES: 406-20 CODEN: 58UAAH LANGUAGE: English
PUBLISHER: Natl. Univ. Singapore, Venom Toxin Res. Group, Singapore,
Singapore

18/3, K/27 (Item 18 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
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117084941 CA: 117(9)84941c JOURNAL
Clostridium difficile toxin A induces multinucleation in the human
leukemic T cell line JURKAT
AUTHOR(S): Fiorentini, Carla; Chow, Sek Chen; Mastrantonio, Paola;
Jeddi-Tehrani, Mahmood; Thelustam, Monica
LOCATION: Dep. Ultrastruct., Ist. Super. Sanita, Rome, Italy
JOURNAL: Eur. J. Cell Biol. DATE: 1992 VOLUME: 57 NUMBER: 2 PAGES:
292-7 CODEN: EJCBDN ISSN: 0171-9335 LANGUAGE: English

18/3, K/28 (Item 1 from file: 149)
DIALCOG(R) File 149: TGG Health&Wellness DB(SM)
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02938821 SUPPLIER NUMBER: 98250052 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Invasive type e *Haemophilus influenzae* disease in Italy. (Dispatches).
Cerquetti, Marina; degli Atti, Marta Luisa Ciofi; Cardines, Rita; Salmaso,
Stefania; Penna, Giovanna; Mastrantonio, Paola
Emerging Infectious Diseases, 9, 2, 258(4)
Feb.
2003
PUBLICATION FORMAT: Magazine/Journal ISSN: 1080-6040 LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic; Professional
WORD COUNT: 2993 LINE COUNT: 00273

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...Mastrantoni o, Paola
 ... 2001). Her research interests include investigations on mechanisms
 of pathogenesis in H. influenzae and O. ostridum difficile.
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Ref	Items	Index-term
E1	3	AU=BURNIE, J. P.
E2	4	AU=BURNIE, J*
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20/3, K/1 (Item 1 from file: 399)

DI ALCO R) File 399: CA SEARCH(R)

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144127496 CA: 144(8)127496p PATENT

Treatment of bacterial infections via inhibition of acetyl-CoA
 acetyltransferase

INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine; Carter,

Tracey

LOCATION: UK

ASSIGNEE: Neutec Pharma PLC

PATENT: PCT International ; WO 200603426 A1 DATE: 20060112

APPLICATION: WO 2005GB2607 (20050701) *GB 200414886 (20040702)

PAGES: 59 pp. CODEN: PIXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07K-016/12A; A61K-039/395B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;

Lactate dehydrogenase of *Clostridium*

BZ: CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GU; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIG NATED REG ONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; OG; CI; OM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

20/3, K/2 (Item 2 from file: 399)
 DI ALCOG R) File 399: CA SEAROH R)
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141394083 CA: 141(24)394083q PATENT
 Antibody repertoire against *Clostridium difficile*
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATI ON: UK
 ASSI GNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200494474 A1 DATE: 20041104
 APPLI CATI ON: WO 2004GB1619 (20040414) *GB 20039126 (20030417)
 PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSI FI CATI ONS:
 CLASS: C07K-016/12A; A61K-039/40B; C12Q-001/68B; G01N-033/563B
 DESI GNATED COUNTRI ES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GU; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESI GNATED REG ONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; OG; CI; OM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

20/3, K/3 (Item 3 from file: 399)
 DI ALCOG R) File 399: CA SEAROH R)
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141291235 CA: 141(18)291235m PATENT
 Protein and cDNA sequences of a novel *Clostridium difficile* lactate dehydrogenase and diagnostic and therapeutic use for bacterial infection
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATI ON: UK
 ASSI GNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200485637 A1 DATE: 20041007
 APPLI CATI ON: WO 2004GB1383 (20040325) *GB 20036782 (20030325)
 PAGES: 42 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSI FI CATI ONS:
 CLASS: C12N-009/02A
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E19	1	AU=MATTHEWS,	ROGER W
E20	5	AU=MATTHEWS,	ROLAND
E21	1	AU=MATTHEWS,	ROLAND DOUGLAS
E22	1	AU=MATTHEWS,	ROLAND P.
E23	4	AU=MATTHEWS,	ROLF
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E43	1	AU=MATTHEWS, ROSS J
E44	1	AU=MATTHEWS, ROSS J.
E45	1	AU=MATTHEWS, ROVENA
E46	92	AU=MATTHEWS, ROVENA G
E47	210	AU=MATTHEWS, ROVENA G.
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E4	3	AU=MATTHEWS, ROY R.
E5	1	AU=MATTHEWS, ROY S.
E6	1	AU=MATTHEWS, ROY THOMAS
E7	1	AU=MATTHEWS, ROY WALLACE, III
E8	6	AU=MATTHEWS, RP
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lactate dehydrogenase clostridium txt

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E17	1	AL=MATTHEWS, RUSSELL
E18	2	AL=MATTHEWS, RUSSELL A.
E19	1	AL=MATTHEWS, RUSSELL DAVI D
E20	3	AL=MATTHEWS, RUSSELL E.
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E30	17	AL=MATTHEWS, RUTH CHRISTINE
E31	3	AL=MATTHEWS, RUTH H
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23/3,K/1 (Item 1 from file: 399)

DI ALCO R File 399: CA SEARCH R

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lactate dehydrogenase clostridium txt
 144127496 CA: 144(8)127496p PATENT
 Treatment of bacterial infections via inhibition of acetyl-CoA
 acetyltransferase
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine; Carter,
 Tracey
 LOCATION: UK
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200603426 A1 DATE: 20060112
 APPLICATI ON: WO 2005GB2607 (20050701) *GB 200414886 (20040702)
 PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSIFI CATIONS:
 CLASS: C07K-016/12A; A61K-039/395B
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
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 NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; OM; GA; GN; GQ; GW; ML;
 MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;
 ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

23/3, K/2 (Item 2 from file: 399)
 DIALO G(R) File 399:CA SEARCH(R)
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141394083 CA: 141(24)394083q PATENT
 Antibody repertoire against Clostridium difficile
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATION: UK
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200494474 A1 DATE: 20041104
 APPLICATI ON: WO 2004GB1619 (20040414) *GB 20039126 (20030417)
 PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSIFI CATIONS:
 CLASS: C07K-016/12A; A61K-039/40B; C12Q-001/68B; G01N-033/563B
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
 GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS;
 LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL;
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
 UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
 SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
 BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
 PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; OM; GA; GN; GQ; GW; ML; MR; NE;
 SN; TD; TG

23/3, K/3 (Item 3 from file: 399)
 DIALO G(R) File 399:CA SEARCH(R)
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141291235 CA: 141(18)291235m PATENT
 Protein and cDNA sequences of a novel Clostridium difficile lactate
 dehydrogenase and diagnostic and therapeutic use for bacterial infection
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATION: UK
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200485637 A1 DATE: 20041007
 APPLICATI ON: WO 2004GB1383 (20040325) *GB 20036782 (20030325)
 PAGES: 42 pp. CODEN: PIXXD2 LANGUAGE: English

lactate dehydrogenase clostridium text

PATENT CLASSIFICATIONS:

CLASS: C12N-009/02A

DESIGNATED COUNTRIES:

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE;
GH; GI; GM; GR; HU; ID; IL; IN; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT;
LU; LV; MA; MD; MG; MK; MN; MW; MX; MY; NA; NI; NO; NZ; OM; PG; PH; PL; PT;
RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;
VN; YU; ZA; ZM; ZW
DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MY;
SD; SL; SZ; TZ; UG; ZM; ZW
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

23/3, K/4 (Item 4 from file: 399)

DI ALCO (R) File 399: CA SEARCH (R)

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105131784 CA: 105(15)131784 JOURNAL

Immunoblotting to demonstrate antigenic and immunogenic differences among
nine standard strains of Clostridium difficile

AUTHOR(S): Heard, Shelley R; Pasburn, Barbara; Matthews, Ruth C;

Tabagchali, Soad

LOCATION: Dep. Med. Microbiol., St. Bartholomew's Hosp. Med. Coll.,

London, UK, EC1A 7BE

JOURNAL: J. Clin. Microbiol. DATE: 1986 VOLUME: 24 NUMBER: 3 PAGES:

384-7 CODEN: JCM DW ISSN: 0095-1137 LANGUAGE: English

? ds

Set	Items	Description
S1	116	E1-E8
S2	11	S1 AND ((DI FFI C I LE) OR (CLOSTRIDIUM W I DI FFI C I LE))
S3	9	RD (unique items)
S4	0	S3 AND 36(W KDA
S5	1	S3 AND 36
S6	592	E2-E11
S7	72	S6 AND DI FFI C I LE
S8	21	RD (unique items)
S9	1	S8 AND 36
S10	50	AU= STEFANELLI, PAOLA'
S11	32	RD (unique items)
S12	1	S11 AND DI FFI C I LE
S13	111	AU= MASTRANTONI O, PAOLA'
S14	0	AU= MASTRANTONI O, PAOLA' AND AU= MASTRANTONI S N
S15	0	AU= MASTRANTONI O, PAOLA' AND AU= MASTRANTONI O, STEFANI A'
S16	111	AU= MASTRANTONI O, PAOLA'
S17	42	S16 AND DI FFI C I LE
S18	28	RD (unique items)
S19	67	E1-E8
S20	3	S19 AND DI FFI C I LE
S21	92	E26-E33
S22	4	S21 AND DI FFI C I LE
S23	4	RD (unique items)

? s difficile and dehydrogenase

Processing

Processed 30 of 50 files ...

Completed processing all files

350 DI FFI C I LE

1126924 DEHYDROGENASE

S24 3 DI FFI C I LE AND DEHYDROGENASE

? rd

>>>Duplicate detection is not supported for File 393.

Page 38

lactate dehydrogenase clostridium txt

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

Processed 40 of 50 files ...

S25 3 RD (unique items)

? t s25/3, k/1-3

>>>KW C option is not available in file(s): 399

25/3, K/1 (Item 1 from file: 5)

DI ALCG R) File 5: Biosis Previews(R)

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0019664088 BIOSIS NO.: 200700323829

Performance of TechLab C. DIFF CHECK (TL-Ag) in combination with

C-difficile Tox A/B II (TL-Tox), triage C-difficile panels

(Tr-Ag, and Tr-Tox), and a cytotoxin assay (CTA) for the diagnosis of

C-difficile-associated diarrhea (CDAD)

AUTHOR: Hussain Z (Reprint); Snell H; Ramos M; Longo S; John M A

AUTHOR ADDRESS: London Hlth Sci Ctr, London, ON, Canada**Canada

JOURNAL: Abstracts of the General Meeting of the American Society for

Microbiology 104 p179-180 2004 2004

CONFERENCE/MEETING: 104th General Meeting of the

American Society for Microbiology New Orleans, LA, USA May 23 - 27, 2004;

20040523

SPONSOR: Amer Soc Microbiol

ISSN: 1060-2011

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Citation

LANGUAGE: English

...TL-Ag) in combination with C-difficile Tox A/B II (TL-Tox), triage C-

difficile panels (Tr-Ag, and Tr-Tox), and a cytotoxin assay (CTA) for

the diagnosis of...

... REG STRY NUMBERS: glutamate dehydrogenase

... ENZYME COMM SSION NUMBER: glutamate dehydrogenase

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...glutamate dehydrogenase;

25/3, K/2 (Item 2 from file: 5)

DI ALCG R) File 5: Biosis Previews(R)

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12398640 BIOSIS NO.: 199497419925

Clostridium difficile toxin A stimulates enzyme secretion from

isolated rat pancreatic acini

AUTHOR: Malicka-Panas Ewa (Reprint); Triadafilopoulos George; Tsukamoto

Hi dekazu; Howitt Geraldine; Pothoulakis Charalambos; Lamont Thomas

AUTHOR ADDRESS: Dep. Dig. Tract Dis. Metab. Disorders, Med. Sch., ul.

Kopcińskiego 22, 90-153 Lodz, Poland**Poland

JOURNAL: Materia Medica Polona 25 (3-4): p127-131 1993 1993

ISSN: 0025-5246

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Clostridium difficile toxin A stimulates enzyme secretion from

isolated rat pancreatic acini

... REG STRY NUMBERS: LACTATE DEHYDROGENASE;

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...LACTATE DEHYDROGENASE;

MISCELLANEOUS TERMS: ...LACTATE DEHYDROGENASE;

CONCEPT CODES:

25/3, K/3 (item 1 from file: 73)
 DI ALCO FJ File 73: EMBASE
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0072886813 EMBASE No: 1985142229
 12beta-Dehydrogenation of bile acids by *Clostridium paraputrificum* C.
 tertium and *C. difficile* and epimerization at carbon-12 of
 deoxycholic acid by cocultivation with 12alpha-dehydrogenating *Eubacterium*
lentum
 Edenharder R; Schneider J.
 Institute of Hygiene, University of Mainz, D-6500 Mainz, Germany;
 CORRESP. AUTHOR/AFFIL: Institute of Hygiene, University of Mainz, D-6500
 Mainz, Germany

Applied and Environmental Microbiology (APPL. ENVIRON. MICROBIOL.) (United States) August 7, 1985, 49/4 (964-968)
 CODEN: AEMD ISSN: 0099-2240
 DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
 LANGUAGE: English

12beta-Dehydrogenation of bile acids by *Clostridium paraputrificum* C.
 tertium and *C. difficile* and epimerization at carbon-12 of
 deoxycholic acid by cocultivation with 12alpha-dehydrogenating *Eubacterium*
lentum

...*C. tertium* and 1 strain of *C. difficile*, together with a 3alpha- and
 3beta-hydroxysteroid dehydrogenase system in many strains. Redox
 reactions at C-12 disubstituted and trisubstituted bile acids were...

...intermediate was achieved by cocultivation of *C. paraputrificum* and
Eubacterium lentum elaborating a 12alpha-hydroxysteroid
 dehydrogenase only. In addition, epimerization at C-12 was
 demonstrated with mixed human fecal cultures.

DRUG DESCRIPTIONS:

*3(or 17)beta-hydroxysteroid dehydrogenase; *3alpha-hydroxysteroid
 dehydrogenase; *bile acid

MEDICAL DESCRIPTIONS:

DRUG TERMS (UNCONTROLLED): 12alpha-hydroxysteroid dehydrogenase;

12beta-hydroxysteroid dehydrogenase

CAS REGISTRY NO.: 9015-81-0 (3(or 17)beta-hydroxysteroid
 dehydrogenase); 9028-56-2 (3alpha-hydroxysteroid
 dehydrogenase)